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## FOREIGN REPORTS.

### CHINA.

#### Hongkong—Examination of Rats.

Surg. Brown reported that during the week ended December 9, 1912, there were examined at Hongkong for plague infection 1,952 rats. No plague-infected rat was found.

#### North Manchurian Plague Prevention Service.

The North Manchurian Plague Prevention Service has been established with headquarters at Harbin. A hospital specially constructed according to the recommendations of the International Plague Conference, 1911, has been established at Lahasu. Ordinary cases of illness have been treated at the above-named hospital since October 16, 1912. The isolation hospital at Fuchiatien (Harbin), also constructed according to the recommendations of the International Plague Conference, has been completed.

### CUBA.

#### Habana—Transmissible Diseases.

JAN. 1 TO 10, 1913.

Diseases.	New cases.	Deaths.	Remaining under treatment.
Leprosy.....	1	.....	247
Malaria.....	.....	1 <sup>1</sup>	2
Typhoid fever.....	18	1	44
Diphtheria.....	32	2	16
Scarlet fever.....	27	.....	26
Measles.....	16	.....	18
Varicella.....	2	.....	2
Tetanus in new born.....	1	1	.....
Paratyphoid.....	1	.....	4

<sup>1</sup> One imported from Santiago and one from Yaguajay.

**GREAT BRITAIN.****Liverpool—Rat Destruction.**

Consul Washington reported December 24, 1912:

During the months of October, November, and December, 1912, rats were destroyed in Liverpool city and port as follows: City stores, warehouses, sewers, etc., 864; dock quays and freight sheds, 263; inward bound vessels, 816.

The number of rats destroyed on inward bound ships necessarily fluctuates. The following figures show the number destroyed during the past three years by a rat-catching company which acts for several shipping firms: 1910, 6,840 rats; 1911, 6,556 rats; 1912, 10,750 rats.

Instructions issued by the health department from time to time regarding the constant observation of the habits of rats, their presence in unusual numbers, the discovery of a dead rat, etc., are rigorously observed.

**JAPAN.****Nagasaki—Summary of Cholera.**

The total number of cases of cholera reported in the prefecture of Nagasaki, including islands off the west coast of Kyushu, from September 15, the date of the outbreak, to November 30, 1912, was 188 with 134 deaths. Of this number, 10 cases with 4 deaths occurred in Nagasaki.

**JAVA.****Batavia and Tandjok Declared Free from Cholera.**

Consul Lairden at Batavia reports that the ports of Batavia and Tandjok were declared free from cholera November 23, 1912.

Cholera was reported present at the ports named September 12, 1912.

**MEXICO.****Vera Cruz—Yellow Fever from 1892 to 1912.**

A statement of cases of and deaths from yellow fever reported at Vera Cruz during the period from 1892 to 1912, inclusive, has been issued by the special sanitary commission for the suppression of yellow fever and other contagious diseases. The greatest number of cases was notified for the year 1899 (1,268 with 594 deaths) and the lowest in 1909 (3 cases with 3 deaths). During the last three years covered by the statement no case of yellow fever was reported. A table of cases and deaths by months follows.

**Yellow Fever Cases and Deaths Officially Reported in the City of Vera Cruz, by Months, for the Years 1892 to 1912, Inclusive.**

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	
	Cases.	Deaths.	Cases.											
1892	19	5	7	2	1	7	20	40	76	53	28	10	259	
1893	19	5	1	1	17	8	41	17	91	32	105	9	449	
1894	1	1	1	1	16	8	100	39	123	55	116	3	209	
1895	8	3	7	1	2	5	2	24	12	60	23	106	40	534
1896	2	1	6	1	3	1	1	7	3	13	5	3	142	
1897	3	2	1	1	1	1	1	1	1	1	1	5	3	
1898	2	1	20	9	37	24	59	39	43	32	27	23	188	
1899	12	10	8	5	10	7	29	11	302	155	468	193	214	
1900	12	3	4	4	1	1	12	14	61	22	79	36	11	
1901	8	1	5	1	3	2	1	8	4	13	6	13	543	
1902	14	7	7	7	18	10	35	19	109	46	98	45	60	
1903	23	12	14	9	17	8	45	17	111	36	153	50	241	
1904	4	1	3	2	2	1	5	1	11	3	9	1	5	
1905	5	1	21	5	1	1	5	21	5	10	4	12	8	
1906	4	3	1	1	1	1	1	1	1	3	2	5	1	
1907	1	1	1	1	1	1	1	1	1	1	1	1	1	
1908	1	1	1	1	1	1	1	1	1	1	1	1	1	
1909	1	1	1	1	1	1	1	1	1	1	1	1	3	
1910	1	1	1	1	1	1	1	1	1	1	1	1	3	
1911	1	1	1	1	1	1	1	1	1	1	1	1	3	
1912	1	1	1	1	1	1	1	1	1	1	1	1	3	

**Comparative Table of Deaths from Yellow Fever During the 10 Years Preceding and Following the Establishment of the Yellow Fever Campaign.**

Year.	Deaths.	Year.	Deaths.
1894	209	1903	147
1895	142	1904	12
1896	.....	1905	23
1897	3	1906	12
1898	127	1907	1
1899	594	1908	20
1900	261	1909	3
1901	103	1910	.....
1902	285	1911	.....
1903	228	1912	.....
Preceding.....	1,952	Following.....	218

**MOVEMENTS OF INFECTED VESSELS.**

**Cholera.**

**BOSNIAN.**—At Odessa, Russia, November 18, 1912, from London via Constantinople, 2 cases, with 1 death.

**Plague.**

**BELLAILSA.**—At Hamburg, Germany, September 2 to 5, 1912, from Rosario July 2, via Cape Verde Islands, 2 cases in crew. River Tyne, September 28, 1912, from Hamburg, 1 case in crew.

**Yellow Fever.**

**PUEBLA.**—At Laguna del Carmen, Mexico, September 14, 1912, from Vera Cruz and other Mexican ports, 1 case on board.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended Jan. 31, 1913.  
CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
China: Foochow.....	Nov. 20-Dec. 2.....	.....	.....	Isolated cases.
India: Bombay.....	Dec. 15-28.....	55	43	
Calcutta.....	Dec. 8-14.....	.....	43	
Madras.....	Dec. 15-28.....	.....	4	
Japan: Hiardo Islands.....	Sept. 15-Dec. 1.....	30	.....	
Minami Tokaki gun.....	do.....	40	.....	
Nagasaki city.....	do.....	10	4	Nagasaki ken and outlying islands Sept. 15-Dec. 2: Cases 188, deaths 134, including previous reports.
Sasebo.....	Sept. 15-Dec. 2.....	7	.....	
Tokushima ken.....	Sept. 15-Dec. 1.....	65	.....	Not previously reported.
Straits Settlements: Singapore.....	Dec. 1-7.....	3	2	
Turkey in Europe: Constantinople.....	Dec. 31-Jan. 6.....	117	62	Total Nov. 5-Jan. 6: Cases 2,459, deaths 1,208.
Zanzibar.....	Dec. 8-15.....	2	2	Dec. 2-28 in Chwaka district, 54 cases not previously reported.

## PLAQUE.

Brazil: Rio de Janeiro.....	Dec. 8-Jan. 2.....	2	1	
India: Bombay.....	Dec. 15-28.....	9	8	
Calcutta.....	Dec. 1-7.....	.....	4	
Do.....	Dec. 8-14.....	.....	8	
Mauritius.....	Oct. 25-Nov. 7.....	52	35	
Russia: Transbaikal district— Verneudinsk.....	Oct. 18-28.....	3	3	Near Nerchinsk.

## SMALLPOX.

Abyssinia: Adis Ababa.....	Dec. 15-21.....	.....	.....	Present.
Brazil: Rio de Janeiro.....	Dec. 8-Jan. 2.....	6	3	
Canada: Montreal.....	Jan. 12-18.....	15	.....	
Ottawa.....	Jan. 5-18.....	12	.....	
Quebec.....	Jan. 12-18.....	15	.....	
St. Johns.....	do.....	4	.....	
China: Shanghai.....	Dec. 14-22.....	.....	10	
Egypt: Alexandria.....	Dec. 24-31.....	1	.....	
Cairo.....	Dec. 9-16.....	5	.....	
France: Paris.....	Dec. 22-Jan. 4.....	4	.....	
Germany.....	.....	.....	.....	Total, Dec 15-Jan. 11: Cases, 7.
India: Bombay.....	Dec. 22-28.....	2	1	
Madras.....	do.....	.....	1	
Calcutta.....	Dec. 7-14.....	.....	10	
Portugal: Lisbon.....	Dec. 22-28.....	6	.....	
Russia: Libau.....	Dec. 16-Jan. 4.....	2	.....	
Moscow.....	Dec. 8-14.....	1	1	
Serbia: Belgrade.....	Dec. 22-28.....	2	.....	
Siberia: Vladivostok.....	do.....	1	1	
Spain: Almeria.....	Dec. 1-31.....	.....	40	
Madrid.....	do.....	.....	25	
Seville.....	do.....	.....	27	
Valencia.....	Dec. 22-Jan. 4.....	13	.....	
Sweden: Stockholm.....	Oct. 8-21.....	3	.....	
Switzerland: Cantons— Aargau.....	Dec. 15-21.....	1	.....	
Grisons.....	Dec. 1-28.....	9	.....	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from Dec. 27, 1912, to Jan. 24, 1913.

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Bulgaria:				
Eski Saghra.....	Dec. 9.....	2	1	
Sofia.....	Nov. 21-Dec. 16...	6	1	
Dutch East Indies:				
Borneo—				
Pontrank.....	Oct. 6.....	1	1	
Samarinda.....	Oct. 9.....	1	1	
Java—				
Batavia.....	Nov. 9-23.....	32	21	One case among Europeans.
Madioen.....	Sept. 15-Oct. 5...	35	30	
Megalang.....	Oct. 7-12.....	9	6	
Paseroean Residency.....	Sept. 20-26.....	2	1	
Samarang.....	July 19-Oct. 17....	436	352	
Sumatra—Jambi.....	Sept. 18-24.....	1	1	
India:				
Bombay.....	Nov. 17-Dec. 14...	62	38	
Calcutta.....	Nov. 9-Oct. 7.....	129	129	
Cochin.....	Oct. 19-Nov. 9....	6	6	
Madras.....	Nov. 24-Dec. 14...	20	18	
Negapatam.....	Nov. 11-16.....	9	9	
Rangoon.....	Nov. 1-30.....	2	2	
Indo-China: Saigon.....	Aug. 20-Oct. 27...	42	38	
Japan:				Total July 10-Dec. 20: Cases, 2,715.
Aita Ken.....	Dec. 2.....	1	1	
Chiba Ken.....	Nov. 23-Dec. 17...	25	25	
Fukushima Ken.....	Dec. 5.....	1	1	
Hioga Ken.....	Nov. 27-Dec. 19...	22	22	
Hiroshima Ken.....	Nov. 23.....	1	1	
Ibaraki Ken.....	Dec. 6.....	2	2	
Iwate Ken.....	Dec. 16.....	1	1	
Kanagawa Ken—				
Yokohama.....	Nov. 24-Dec. 8.....	18	18	Total Nov. 23-Dec. 20: Cases, 53. Sept. 25-Dec. 7: 9 cases from vessels.
Kochi Ken.....	Nov. 28-Dec. 4....	3	3	
Nagasaki Ken.....	Nov. 23-Dec. 1....	7	7	
Osaka Fu.....	Nov. 23-Dec. 3....	14	14	
Saga Ken.....	do.....	5	5	
Shidzuoka Ken.....	Dec. 3-20.....	8	8	
Taiwan (Formosa).....				Total Nov. 3-23: Cases, 48; deaths, 42.
Tokyo Fu—				
Tokyo.....	Nov. 23-Dec. 20...	101	101	Oct. 2-Dec. 7: Cases, 273; and in vicinity, 342.
Wakamatsu Ken.....	Nov. 26.....	1	1	
Russia: Odessa.....				Nov. 18-20: 1 case from s. s. Bosnian from Constantinople. Confined in the quarantine barracks.
Siam:				
Bangkok.....	Oct. 13-Dec. 7....	2	4	
Straits Settlements—Singapore.....	Nov. 17-23.....	2	2	
Turkey in Asia.....				Total, Nov. 17-23: Cases, 160; deaths, 218.
Adana—Adana.....	Nov. 17-23.....	2	1	
Aleppo—Alexandretta.....	do.....	2	1	
Angora.....	do.....	24	24	
Brusa.....	do.....	6	16	
Castomoni.....	do.....	2	2	
Diarbekir.....	do.....	8	2	
Hedjaz—				
Jedda.....	Nov. 25-Dec. 14...	395	393	Among returning pilgrims.
Mekka.....	Nov. 17-23.....	111	172	
Ismidt.....	do.....	3	1	
Mosul.....	do.....	1	1	
Smyrna.....	do.....	2	2	
Turkey in Europe:				
Constantinople.....	Dec. 3-30.....	1,425	688	Total, Nov. 5-Dec. 30: Cases, 2,342; deaths, 1,146.
Zanzibar.....	Nov. 8-Dec. 7....	113	112	From Mwera, Chwaka, and Mokotoni. Chwaka district, Oct. 4-Dec. 7, 275 cases not included in previous reports.
At sea.....				Nov. 18-20, 1 fatal case on s. s. Bosnian, en route from Constantinople to Odessa.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from Dec. 27, 1912, to Jan. 24, 1913—Continued.

## YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Bucay.....	Nov. 15-30.....	1	1	
Duran.....	Nov. 1-30.....	2	1	
Guayaquil.....	do.....	12	6	
Milegro.....	do.....	2	2	
Naranjito.....	do.....	1	.....	
Senegal:				
Dakar.....	Dec. 7.....	.....	.....	Present.
Venezuela:				
Caracas.....	Nov. 1-30.....	7	1	In September 2 deaths and in October 1 death not previously reported. In December no case and no death.

## PLAQUE.

Brazil:				
Pernambuco.....	Nov. 16-30.....	.....	2	
Rio de Janeiro.....	Nov. 3-30.....	7	3	
British East Africa:				
Kiambu.....	Nov. 16-Oct. 21.....	2	.....	
Kisumu.....	do.....	6	.....	
Mombasa.....	Oct. 1-31.....	12	12	
Nairobi.....	Nov. 16-Dec. 8.....	2	1	
Chile: Taltal.....	Oct. 22-28.....	3	.....	
China:				
Amoy.....	Jan. 16.....	.....	.....	Present.
Manchuria.....	Dec. 14.....	.....	.....	
Shanghai.....	Nov. 18-Dec. 15.....	.....	2	
Dutch East Indies:				
Java:				
Kediri.....	Oct. 6-26.....	75	73	
Madien.....	do.....	16	16	
Pasoeorean Residency.....	do.....	132	129	
Surabaya.....	do.....	3	3	
Ecuador:				
Duran.....	Nov. 1-30.....	3	1	
Guayaquil.....	do.....	138	52	
Egypt.....				Total Nov. 23-Dec. 25: Cases, 22; deaths, 7. Jan. 1-Dec. 25: Cases, 875; deaths, 433.
Behera.....	Nov. 22-Dec. 19.....	2	1	
Charkieh.....	Nov. 29-Dec. 12.....	3	2	
Garbich.....	Nov. 23-Dec. 17.....	3	.....	
Girgeh.....	Dec. 21-25.....	1	1	
Menouf.....	Oct. 1-Dec. 21.....	7	.....	
Minieh.....	Nov. 28-Dec. 26.....	6	3	
India:				
Bombay.....	Nov. 17-Dec. 14.....	22	20	
Calcutta.....	Nov. 9-Dec. 7.....	.....	21	
Karachi.....	Nov. 19-23.....	2	2	
Rangoon.....	Oct. 1-Nov. 30.....	68	68	
Provinces.....				Total Oct. 27-Nov. 30: Cases, 12,333; deaths, 9,908.
Delhi.....	Oct. 27-Nov. 30.....	31	14	
Bombay.....	do.....	4,475	3,356	
Madras.....	do.....	733	520	
Bengal.....	do.....	30	30	
Bihar and Orissa.....	do.....	473	367	
United Provinces.....	do.....	2,270	1,857	
Punjab.....	do.....	495	371	
Burma.....	do.....	34	34	
Central Provinces.....	do.....	242	193	
Mysore.....	do.....	975	701	
Hyderabad.....	do.....	613	523	
Central India.....	do.....	57	47	
Rajputana.....	do.....	1,905	1,895	
Indo-China: Saigon.....	Aug. 20-Oct. 27.....	55	35	
Mauritius.....	Oct. 11-24.....	44	25	
Morocco: Rabat.....	Nov. 1.....	3	.....	Among the military.
New Caledonia: Noumea.....	Oct. 29.....	2	.....	Sept. 17-Oct. 17, 8 cases, with 5 deaths.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from Dec. 27, 1912, to Jan. 24, 1913—Continued.

## PLAQUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Peru:				
Departments—				
Arequipa—				
Mollendo.....	Nov. 17-Dec. 7.....	7	4	
Callao—	Sept. 1-7.....			Present.
Lambayeque.....	do.....			Do.
Philippine Islands:				
Manila.....	Nov. 10-16.....	5	4	
Russia:				
Trans-Caspian Ty. Merv.....	Dec. 9-21.....	29	29	Pneumonic.

## SMALLPOX.

Abyssinia: Adis Ababa.....	Nov. 24-30.....			Present.
Algeria:				
Departments—				
Algiers.....	Oct. 1-31.....	11		
Constantine.....	do.....	11		
Oran.....	do.....	118		
Austria-Hungary:				
Galicia.....	Nov. 10-Dec. 7.....	3		
Trieste.....	Dec. 8-21.....	4		
Brazil:				
Para.....	do.....	2		
Pernambuco.....	Nov. 1-30.....		65	
Rio de Janeiro.....	Nov. 3-Dec. 7.....	11	2	
British East Africa: Mombasa.....	Dec. 1-21.....	5		
Canada:				
Ontario—				
Ottawa.....	Jan. 4.....	1		
Toronto.....	Dec. 1-21.....	5		
Quebec—				
Montreal.....	Dec. 15-Jan. 11.....	15		
Quebec.....	do.....	5		
Chile: Punta Arenas.....	Oct. 31.....	2		Imported, and 1 case in vicinity.
China:				
Amoy.....	Jan. 16.....			Present.
Chungking.....	Nov. 3-16.....			Do.
Hongkong.....	Nov. 24-Dec. 14.....	4	2	
Nanking.....	Dec. 7.....			Do.
Shanghai.....	Nov. 18-Dec. 15.....	13	43	Deaths among natives.
Tientsin.....	Nov. 17-Dec. 14.....		2	
Dutch East Indies:				
Java—				
Batavia.....	Nov. 9-Dec. 7.....	14	1	
Egypt:				
Alexandria.....	Dec. 9-16.....	1		
Cairo.....	Nov. 12-Dec. 9.....	2	1	
Port Said.....	Dec. 3-9.....	1		
France:				
Marseille.....	Nov. 1-30.....		1	
Paris.....	Dec. 1-21.....	3		
Germany.....				Total: Nov. 24-30, 5 cases not included in report, page 2231, vol. xxvii; Dec. 1-14, 8 cases.
Gibraltar.....	Dec. 9-15.....	1		
Great Britain: Liverpool.....	Jan. 1-4.....	1		
India:				
Bombay.....	Nov. 17-Dec. 14.....	9	3	
Calcutta.....	Dec. 1-7.....	1		
Karachi.....	do.....	1		
Madras.....	Dec. 1-14.....	4	2	
Rangoon.....	Oct. 1-Nov. 30.....	11	3	
Indo-China: Saigon.....	Aug. 20-Oct. 20.....	2	2	
Italy: Palermo.....	Dec. 15-21.....	2		
Japan.....				Total Jan. 1-Oct. 31: Cases 13, with 1 death.
Mexico:				
Aguascalientes.....	Dec. 9-Jan. 12.....		4	
Chihuahua.....	Dec. 9-Jan. 5.....		2	
Durango.....	Dec. 1-31.....		15	
Mazatlan.....	Jan. 1-7.....	2		
Mexico.....	Nov. 17-Dec. 7.....	26	12	
Salina Cruz.....	Nov. 17-23.....	1		
San Luis Potosi.....	Sept. 15-21.....	1		

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from Dec. 27, 1912, to Jan. 24, 1913—Continued.

## SMALLPOX—Continued.

Places.	Date.	Cases	Deaths.	Remarks.
Netherlands: Rotterdam.....	Dec. 22-28.....		1	
Peru:				
Callao.....	Sept. 1-14.....			Present.
Lima.....	.....do.....			Do.
Mollendo.....	Nov. 24-Dec. 7.....	5	1	
Salaverry.....	Dec. 4-11.....	1		
Portugal: Lisbon.....	Dec. 1-21.....	15		
Roumania.....				Total Oct. 1-31: Cases 6.
Russia:				
Odessa.....	Nov. 17-Dec. 14.....	3		
St. Petersburg.....	Nov. 24-Dec. 21.....	86	5	
Warsaw.....	Sept. 22-Oct. 5.....	5		
Siam: Bangkok.....	Nov. 10-Dec. 7.....		3	
Siberia: Vladivostok.....	Oct. 28-Nov. 28.....	3	2	
Spain:				
Barcelona.....	Dec. 1-28.....		64	
Cadiz.....	Nov. 1-30.....		4	
Madrid.....	.....do.....		9	
Valencia.....	Nov. 14-Dec. 21.....	15		
Straits Settlements: Singapore.....	Nov. 24-30.....	1	1	
Switzerland: Basel.....	Nov. 14-Dec. 21.....	8		
Turkey in Asia: Beirut.....	Dec. 8-14.....	1	2	
Turkey in Europe: Constantinople.....	Dec. 1-28.....		43	
Zanzibar.....	Nov. 8-14.....		1	